PTO/SB/05 (08/00)

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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1 53(b))

Attorney Docket No. 061607-1500 First Inventor

William L. Betts and Kenneth D. K Fractional Bit Rate Encoding in a Pulse Amplitude Modula **Communication System**

EL492180298US Express Mail Label No.

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| DDRESS TO: | Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 | 117 |

| APPLICATION ELEMENTS | | | | | | | ADDRESS TO: Box Patent Application Washington, DC, 20234 | | | | | 를 | |
|---|--|---|---|---|----------------|------------|---|---|--|-----------------|-----------------------------|-----|--|
| See MPEP Chapter 600 concerning utility patent application contents | | | | | | | Washington, DC 20231 | | | | | 寸 | |
| APPLICANT REQUESTS EARLY PUBLICATION UNDER 37 CFR 1.219 (additional fee) | | | | | | | | _ | | | | | |
| 1. | X | Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) | | | | | 7. CD-ROM or CD-R in duplicate, large table or Com Program (Appendix) | | | | | l | |
| 2. | | Applicant claims small entity status. | | | | | | Nucleotide and/or Amino Acid Sequence Submission (if applicable, all_necessary) | | | | | |
| 3. | Χ | Specification [Total Pages (preferred arrangement set forth below) [Total Pages 26] | | | | | | a. | Сотр | uter Readable 0 | Copy (CRF) | | |
| Descriptive title of the invention Cross References to Related Applications Statement Regarding Fed. Sponsored R&D | | | | | | | | b. | Specification Sequ | ence Listing or | n: | | |
| | | c | computer program | | | | | | i. | | D-R (2 copies); or | | |
| | | - E | Background of the Brief Summary of the | he Invention | | | | | ii. [] | Paper | | ı | |
| | | | oner Description of Detailed Description | f the Drawings (<i>if filed)</i> on | | | C. Statements verifying identity of above copies | | | | | | |
| | | | Claim(s) | | | ı | ACCOMPANYING APPLICATION PARTS | | | | | | |
| | | - 1 | Abstract of the Dis | closure | | | 9. | 9. X Assignment Papers (cover sheet & Documents(s)) | | | | | |
| 4. | Χ | Drawing | g(s) (35 USC 113) | [Total Sheets | 4 |]] | 10. | | 37 CFR 3.73(b) St (when there is an | | X Power of Attorney | | |
| 5. | Oath o | r Declara | tion | [Total Pages | 2 |] , | 11. | | English Translatio | n Document (if | applicable) | ١ | |
| | a. | X | Newly Executed (| original or copy) | | | 12. | X | Information Disclosure Statement (IDS)/PTO-1449 X Copies of IDS Citations | | | | |
| | b. | | | application (37 CFR \1.63(d)) | ed) | | 13. | | Preliminary Amendment | | | | |
| p (for continuation/divisional with Box 17 completed) | | | | | | | 14. | X | X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) | | | | |
| DELETION OF INVENTOR(S) | | | | | | | 15. | | Certified Copy of Priority Document(s) (if foreign priority is claimed) | | | | |
| Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | | | | | | | 16. | X | 122(b)(2)(B)(I). Applicant must attach form | | | | |
| 6. Application Data Sheet. See 37 CFR 1.76 | | | | | | | 17. | | PTO/SB/35 or its of Other: | equivalent. | | | |
| | 6. X Application Data Sheet. See 37 CFR 1.76 | | | | | | | | | [| | | |
| Assignee Paradyne Corporation Name and Address (Amplicable) Paradyne Corporation 8545 126th Avenue, North Largo, Florida 33773 | | | | | | | | | | | | | |
| 18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in | | | | | | | | | n | | | | |
| an Application Data Sheet under 37 CFR 1.76: | | | | | | | | | | | | | |
| ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: / | | | | | | | | ٠ ا | | | | | |
| For (| CONTINUE | ATION OD | ntion information | only the entire disclosure of the r | rior applicati | on, fro | om whic | _ ch an oa | Group / Art ath or declaration is sup | plied under Box | 5b, is considered a part of | the | |
| For CONTINUATION OR DIVISIONAL APPS only. the entite disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been | | | | | | | | een | | | | | |
| inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS | | | | | | | | | | | | | |
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| Customer Number or Bar Code Label 24504 (Insert Customer No. or Attach bar code label (Insert Customer No. or Attach bar code label | | | | | | | | | | | | | |
| NAME Scott A. Horstemeyer | | | | | | | | | | | | | |
| Thomas, Kayden, Horstemeyer & Risley, | | | | | | <u>L.L</u> | .P. | | | | | | |
| ADDRESS 100 Galleria Parkway Suite 1750 | | | | | | | | | | | | | |
| CIT | CITY Atlanta STATE Georgi | | | | | | | | | ZIP CODE | 30339-5948 | | |
| CO | UNTRY | / | U.S.A. | TELEPHONE | 770-93 | 3-9 | 500 | | | FAX | 770-951-0931 | | |
| Nai | Name (Print/Type) Michael J. Tempel | | | | | | | Re | egistration No. (Att | | 41,344 | | |
| Signature //// | | | /// ///a | MM 11/10.1 | | | | 2/09/01 | Date | | | | |

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| FEE TRANSMITTAL | | | | | | | | Complete If Known | | | | | | |
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| 10r F 1 2000 | | | | | | | _ | First Named Inventor | | | Will | William L. Betts and Kenneth Dixe 🗢 | | |
| 전 Patent fees are subject to annual revision. | | | | | | | Examine Group / | | | | To Be Assigned: To Be Assigned. | | | |
| TOTAL AMOUNT OF PAYMENT (\$) 930.00 | | | | | | | Attorney | | | | 061607-1500 | N N | | |
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| 2. EXTRA CLAIM FEES | | | | | | | 123 | 50 | 122 123 | 50 | | e Commissioner ed to provisional application | 15 | |
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| Total Claims 30 -20**= 10 x 18.00 = 180 | | | | 146 | 710 | 246 | 355 | property (time number of properties) Filing a submission after final rejection (37 CFR 1.129(a)) | | | | | | |
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| Michael I Terral | | | | | | | | | | Reg Number | 41,344 | | | |
| Typed or Printed Name Signature | | | | | | 11 | | | Date | \neg | , , | Denocit Account Llear ID | | |
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REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

| First Named Inventor | William L. Betts and Kenneth D. Ko |
|----------------------|--|
| | t Rate Encoding in a Pulse Amplitude Communication System |
| Attorney Docket No. | 061607-1500 |

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Date

Signature

Michael J. Tempel

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

09/780547 09/780547 02/09/01

In re: William L. Betts and Kenneth D. Ko

For: Fractional Bit Rate Encoding in a Pulse Amplitude Modulation Communication System

CERTIFICATE OF EXPRESS MAIL

Assistant Commissioner for Patents BOX: Patent Application

Washington, D.C. 20231

Sir:

Enclosed for filing in the above case are the following documents:

Return Postcard

Utility Patent Application Transmittal Page

Fee Transmittal Page

Utility Patent Application Consisting Of:

20 Pages of Specification

5 Pages of Claims

1 Page of Abstract

4 Pages of Formal Drawings (4 Sheets)

Declaration for Patent Application (2 Pages)

Assignment of Utility Patent Application (4 Pages)

Assignment Cover Sheet

Patent Application Data Entry Form

Authorization to charge deposit account 16-0255 the amount of

\$930.00 for payment of application and assignment filing fees

Information Disclosure Statement (PTO-1449)

Copies of IDS citations

Request and Certification Under 35 U.S.C. 122(b)(2)(B)(I)

Further, the Commissioner is authorized to charge Deposit Account No. 16-0255 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 16-0255.

Respectfully submitted,

Michael J. Tempel, Reg. No. 41,344

THOMAS, KAYDEN, HORSTEMEYER

& RISLEY, L.L.P.

100 Galleria Parkway, N.W.

Suite 1750

Atlanta, Georgia 30339-5948

Our Docket No: 061607-1500

I hereby certify that all correspondences listed above are being deposited for delivery to the above addressee, with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR §1.10 on the date indicated below:

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